



AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Original) An airflow control system for a fuel cell comprising:
an air supplier for supplying air;
a volume for storing said air;
a plurality of fuel cell subsystems connected to said volume;
a sensor for sensing air pressure in said volume; and
a controller that receives a minimum required air pressure for each of said fuel cell subsystems.
2. (Currently Amended) The airflow control system of claim 1 wherein said controller selects a highest minimum required air pressure based on said minimum required air pressure for each of said fuel cell subsystems and controls said air supplier to provide said highest minimum required pressure in said volume.
3. (Original) The airflow control system of claim 1 wherein said air supplier includes a compressor.

4. (Currently Amended) The airflow control system of claim 1 wherein said volume includes tubing providing fluid coupling between said air supplier and each of said plurality of fuel cell subsystems.

5. (Currently Amended) The airflow control system of claim 1 wherein said volume includes a manifold interposed between said air supplier and each of said plurality of fuel cell subsystem.

6. (Currently Amended) The airflow control system of claim 1 wherein said volume includes a manifold in fluid communication with said air supplier and connected to tubing providing fluid coupling between said manifold and each of said plurality of fuel cell systems.

7. (Currently Amended) The airflow control system of claim 1 wherein said controller periodically polls each of said plurality of fuel cell subsystems for said minimum required air pressure.

8. (Currently Amended) The airflow control system of claim 1 wherein said each of said plurality of fuel cell subsystems include a flow controller and a flow sensor.

9. (Original) The airflow control system of claim 8 wherein said flow controller includes an electronic throttle valve and said flow sensor includes a hot wire anemometer.

10. (Currently Amended) The airflow control system of claim 1 wherein said plurality of fuel cell subsystems include a component that is selected from the group consisting of combustors, partial oxidation reformer, preferential oxidation reactor, fuel cell stacks, a cathode inlet of a fuel cell stack, and an anode inlet of a fuel cell stack.

11. (Currently Amended) The airflow control system of claim 1 wherein each ~~fuel cell subsystem of said first and second subsystems~~ includes a flow controller ~~and~~ polled by said controller ~~polls said flow controller for~~ receiving said minimum required air pressure of said ~~fuel cell subsystem thereof~~.

Claims 12 - 21. (Cancelled)

22. (Currently Amended) An airflow control system for a fuel cell comprising:
a compressor that supplies air;
a volume for storing said air;
a plurality of fuel cell subsystems connected to said volume, wherein each of said fuel cell subsystems include a flow controller and flow sensor;
a sensor for sensing air pressure in said volume; and
a controller that polls each of said flow controllers of said plurality of fuel cell subsystems for a minimum required air pressure ~~for therefor~~ said fuel cell subsystems, that selects a highest minimum required air pressure, and that controls said compressor to provide said highest minimum required pressure in said volume.

23. (Currently Amended) The airflow control system of claim 22 wherein said volume includes tubing providing fluid coupling between said air supplier and each of said plurality of fuel cell subsystems.

24. (Currently Amended) The airflow control system of claim 22 wherein said volume includes a manifold interposed between said air supplier and each of said plurality of fuel cell subsystem.

25. (Currently Amended) The airflow control system of claim 22 wherein said volume includes a manifold in fluid communication with said air supplier and connected to tubing providing fluid coupling between said manifold and each of said plurality of fuel cell systems.

26. (Original) The airflow control system of claim 22 wherein said controller periodically polls said fuel cell subsystems.

27. (Currently Amended) The airflow control system of claim 22 wherein said flow controller includes an electronic throttle valve and said flow sensor includes a wire ~~manometer~~ anemometer.

28. (Currently Amended) The airflow control system of claim 22 wherein said plurality of fuel cell subsystems include a component that is selected from the group consisting of combustors, partial oxidation reformer, preferential oxidation reactor, fuel

cell stacks, a cathode inlet of a fuel cell stack, and an anode inlet of a fuel cell stack.

29. (New) The airflow control system of claim 1 wherein said plurality of fuel cell subsystems comprises a first subsystem and a second subsystem having diverse pressure requirements, said controller receiving a minimum required air pressure for each of said first and second subsystems.

30. (New) The airflow control system of claim 29 wherein each of said first and second subsystems includes a flow controller polled by said controller for receiving said minimum required air pressure thereof.

31. (New) The airflow control system of claim 22 wherein said plurality of fuel cell subsystems comprises a first subsystem and a second subsystem having diverse pressure requirements.